1. **Sign-up for Pigeon’s Nest.**

To sign up for Pigeon’s Nest please follow the following steps:

1. Visit our website URL <http://csmain/cs414/cs414_team2/index.aspx>

Graphical user interface, application

Description automatically generated

1. Click Sign-up button.
2. On the sign-up page enter your username, email address, password and confirm password.
3. Usernames cannot contain punctuation or spaces.
4. Emails must end with a pcci.edu domain.
5. A password is limited to between 8-128 characters and may not contain '|'.
6. Click Sign Up.

Graphical user interface, application

Description automatically generated

1. **Steps to verify your account**

After you’ve signed up for pigeon, you will receive Verification code in your pcci.edu email.

1. Enter verification code to confirm your email.

A picture containing graphical user interface

Description automatically generated

After you’ve verified your email, you will have an excess of our Nest.

1. **Steps to Sign In**
2. Visit our website URL <http://csmain/cs414/cs414_team2/index.aspx>
3. On the sign-up page enter your username password.
4. Click Sign In.

1. **Steps to retrieve Forgotten password**

After your sign-in failed sign in attempt to get excess to your nest follow the following steps.

1. Click Forgot password on your sign-up page.
2. On Forgot password page enter your Email address and username.
3. Click Send code.

Graphical user interface, application

Description automatically generated

You will receive a code in your pcci.edu email.

1. Enter a new password, re-enter new password and a code from the pcci.edu email.
2. Click Submit Changes.

Graphical user interface, text, application

Description automatically generated

**User settings**

The user settings page gives you access to change your password and lets you change your profile image. Also, don’t forget to keep track of your pigeon's points.

Graphical user interface, application

Description automatically generated

1. **Steps to update your password**
2. To update your password, enter your current password, new password, and confirm password.
3. Click Update.

1. **Steps to Update profile picture.**

1. Select any picture in the grid to update. You can review your selection when changes are made.

# Private and Group Messaging

## Private Nest

### User Search

#### Click on the search bar and enter a username to search (partial usernames are allowed)

Graphical user interface, application

Description automatically generated

Click on one of the users to start a private message

Graphical user interface

Description automatically generated with medium confidence

The private nest shows the name of the user you are messaging

Graphical user interface, text, application, email

Description automatically generated

## Group Nest

### Click on the ‘+’ symbol followed by the message “Create a Nest!” to create your own nest

Graphical user interface, text, application, chat or text message

Description automatically generated

### Give your nest a name! Once you have decided on a name, click the ‘+’ symbol followed by the “Create Nest” text.

A picture containing graphical user interface

Description automatically generated

### Creator controls - invite, promote, kick, and delete

 Allows the creator to add a user to their group by inviting them

 Allows the creator to promote a user to a local admin

 Allows the creator to kick a user from their group

 Allows the creator to delete the nest they’ve created

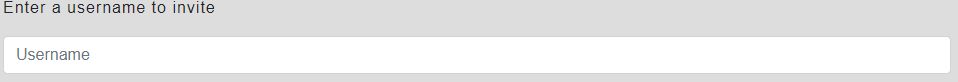
### Local admin controls – invite, leave, and kick (cannot kick local admins)

 Allows the local admin to add a user to their group by inviting them

 Allows the local admin to kick other users but not other local admins

 Allows the local admin to leave the nest

### Enter a username to invite to your group



## Click on the user to send the invitation

Background pattern

Description automatically generated

## Nest Controls.

### Click the notification icon to see your notifications.





### In the notification page, users can see their group invitations and users can either accept or reject invitations

### Below ‘Group Invitations’, is Other Notifications which details the users’ deleted and flagged messages either their own or somebody that the user reported.

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### Private and Group Nest Tabs

### Switch between Contacts(private messages), Nests(group messages), or New(new activities) by clicking.



### Mute Nests

### Within nests (private and group), a user can mute the conversation

### When the nest is muted, the user will not be notified of any new activity





### Report Messages

### A user can report any messages once.



### Click on the flag icon to report a message.



### Once reported, an admin will review the message and if it’s approved the icon,



### will replace the flag icon and it cannot be reported again. If the message was not approved, the admin will delete the message and it will disappear from the messages

### Delete Messages

### A nest creator and local admin can delete any user and local admin’s message

### A user can delete their own message

### Click on the icon to delete a message



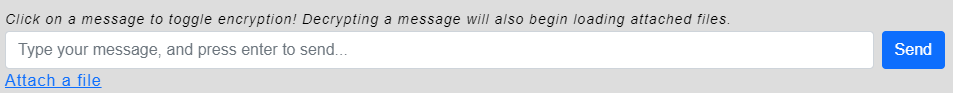
### Message with a File.

### When a message is sent and an icon appeared, it indicates that a file is included with a text message.



### Send Text and File Messages

### Click on the text box to start messaging and click on the “Attach a file” link to include a file with the message



Administrative Features

Admin Nest View

On the nest page there are two different admin types.

Text

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**Local Group Admins** – This admin type can be assigned to any user by either a nest creator or a system admin and will be highlighted blue with an admin tag inside of a nest. The local admins can use administrative features within a group which are kicking users, inviting users, and deleting messages.

**System Admins** – This admin type has full access to the administrative suite within a nest which includes adding new users, removing users, locking nests, deleting nests, deleting messages, and promoting users to local admin. This admin does not appear in any nest as a user and is included in every nest that is created. System admins are also hidden in private messages as well, but these chats will not show up for system admins in their nests on the nest page. System admins also have access to the admin page view that will be discussed later in the features.

Graphical user interface, text, application, email

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 Used to add users to a nest as an admin.

 Used to delete a nest as an admin.

 Used to unlock and lock nest as an admin.

 Used to delete messages in a group as an admin.

 Used to kick users from a group as an admin.

 Used to promote users in a group as an admin or nest creator.

Graphical user interface, text, application, email

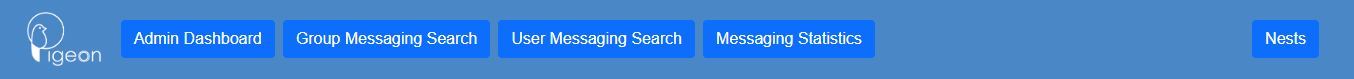
Description automatically generatedThe above figure is a reference for a nest that has been locked. When a nest is locked, no user is allowed to message within the group until a system admin unlocks the nest.

Administrative Page View

From the nest page access to the admin dashboard is available through the user account drop down in the top left of the page. Using the Admin Dashboard link button, you will be taken to the administrative page dashboard. The admin page view can be changed by using the banner at the top of the page.

Graphical user interface, text, application, email

Description automatically generated



**Admin Dashboard** – contains all users and all flagged messages pending review.

**Group Messaging Search** – allows admins to search for a specific group to view messages and members in that group.

**User Messaging Search** – allows admins to search for a user and view all messages they have sent and which groups they are a part of.

**Messaging Statistics** – allows admins to run statistics on different time periods to get message counts and activity.

Nests – Allows admins to quickly navigate back to the main Nest page of the site.

Admin Dashboard View

Graphical user interface

Description automatically generated

From admin dashboard system admins will be able to approve or delete user flagged messages. All users will also be viewable on this page where a system admin can look through users sorted by their report count and ban status to ban or unban them. This will also include basic information to use to further research the users' accounts including usernames, id numbers and email addresses.

Users that have been banned are highlighted in a red orange box with a blue unban button.

A picture containing graphical user interface

Description automatically generated

Users that have not been banned are not highlighted in their box and have a red ban button.

A picture containing graphical user interface

Description automatically generated

Flagged messages that come up in the flagged messages column will not be obfuscated for shoulder surfing protection and will include any download files as well as the message text. All messages sent by default user accounts with files attached will be flagged to be reviewed on the admin dashboard.

Graphical user interface, application

Description automatically generated

**Group Messaging Search** View

The group messaging search page view will allow admins to search for a group by id or by name to view the messages in that group and its users.

Graphical user interface, text, application, email

Description automatically generated

Once a name or id has been searched all matching groups ids will displayed in the “Group Search” column. This column displays the group name, id, and whether that group is deleted or visible. One of these groups can be selected and the “Active Searched Group Messages” will populate with the messages in the selected group and the “Active Searched Group Members” will populate with the members in the selected group with their user roles and id number.

Admins will also be able to delete messages in the Messages column and ban or unban users in the Members column. Note that messages without a delete button have already been deleted and will show up in this search despite not appearing on the nest view on the main nest page.

Graphical user interface, application

Description automatically generated

**User Messaging Search** View

The group messaging search page view will allow admins to search for a user by name. This allows admins to view all the messages they have sent and which groups they are members of.

Graphical user interface, text, application, email

Description automatically generated

Once a name has been searched all matching usernames will be displayed in the “User Search” column. This column displays the usernames and ids. One of these users can be selected and the “Active Searched User Messages” will populate with the messages the selected user has sent since account creation and the “Active Searched User Groups” will populate with the user’s groups that they are a member of with their names and id number.

The message column will display the group name where the message was sent, the group id, and the date that the message was sent. Admins will also be able to delete messages in the Messages column. Note that messages without a delete button have already been deleted and will show up in this search despite not appearing on the nest view on the main nest page.

Graphical user interface

Description automatically generated

**Messaging Statistics**

This statistical page of the admin page will allow admins to quickly view message counts in a time frame, most active user with message count in a time frame, most active group with message count in a time frame, message count in a time frame for a specific user, and message count for a specific group in a time frame.

Graphical user interface, text, application, email

Description automatically generated